

reading the object's identification data from the identification means by transmitting said identification request signal by the mobile station's radio transmitter, and receiving an identification signal by the mobile station's radio receiver or by the mobile station's infrared receiver, and

identifying said object on the basis of the identification data included in the identification signal.

2. (Amended) A method as claimed in claim 1, further comprising transmitting the identification data read by the mobile station with the mobile station's radio transmitter via a base station in a mobile communication system to a data processing device in which data relating to said object is stored, and

identifying said object by comparing the data stored in the data processing device with said identification data.

3. (Amended) A system comprising
a mobile switching centre,
a base station communicating with the mobile switching centre;
a mobile station comprising a radio transmitter and a receiver for setting up a connection to the mobile switching centre via the base station,

an object comprising an identification means composed of a tag comprising means for generating an identification signal including identification data in response to a predetermined identification request signal, and

a data processing device in which data relating to said object is maintained, wherein said system comprises control means for generating and transmitting an authorization signal indicating a point of time allowed for transmitting an identification request signal, and

said mobile station comprises

means for reading said object's identification data from the identification

means:

- by transmitting an identification request signal with the mobile stations radio transmitter at a point of time indicated by the authorization signal, and

- by receiving the identification data included in an identification signal with the mobile stations radio receiver or with an infrared receiver, and

means for transmitting the read identification data with the mobile station's radio transmitter over the radio path via the base station further to said data processing device.

4. (Amended) A system is claimed in claim 3, wherein said tag is a passive tag comprising means for recovering energy from said identification request signal and means for generating said identification signal with said recovered energy.

5. (Amended) A system as claimed in claim 3, wherein said tag comprises means for generating an RF frequency identification signal.

6. (Amended) A system as claimed in claim 3, wherein said tag comprises means for generating an identification signal composed of an infrared signal.

7. (Amended) A system as claimed in claim 3, wherein
said control means are arranged to generate and transmit said authorization signal in response to an inquiry signal received by the control means, and

said mobile station comprises means for transmitting the inquiry signal to said control means.

8. (Amended) A system as claimed in claim 3, wherein

said system is a time division mobile communication system, in which the frequency channels used by the system are divided into timeslots,

said control means are arranged to generate and transmit an authorization signal indicating the timeslot or timeslots allowed for the transmission of the identification request signal, and

said mobile station comprises means for receiving the authorization signal from the control means and for transmitting the identification request signal in the timeslot indicated by the authorization signal.

9. (Amended) A mobile station comprising

a user interface, and

a radio transmitter and a radio receiver for setting up a connection to a base station in a mobile communication system via radio signals, characterized in that mobile station further comprises

means for receiving an authorization signal transmitted by the base station over the radio path,

means which, in response to measures carried out by the mobile station's user via the user interface, read identification data from an object's identification means, said means for reading the identification data are composed of the mobile station's radio transmitter, which at the point of time indicated by the authorization signal transmits a predetermined

identification request signal, an of the mobile station's radio receiver or of an infrared receiver, which receives an identification signal comprising the identification data, and the mobile station comprises means for transmitting the read identification data with said radio transmitter to said base station.

22
cont

10018572.122001